

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME : ACETONITRILE FOR HPLC

Code no. : ACT2500 CAS no. : 75-05-8

Lot no. : H161481512 Mfg date : DEC-2015

Exp date : NOV-2020 Analyzed on: 03/12/15

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| --- | --- | --- | --- |
| Sr. no. | Tests | Specifications | Results |
| 1 | Description  | Clear colourless liquid | Clear colourless liquid |
| 2 | Assay (GC) | Min. 99.9% | 99.97% |
| 3 | Density (20°C) | 0.782 - 0.783 g/ml | 0.783 g/ml |
| 4 | Water | Max.0.05%  | 0.0057% |
| 5 | Acidity  | Max.0.0005 meq/g | 0.0002 meq/g |
| 6 | Alkalinity  | Max. 0.0005 meq/g | Nil  |
| 7 | Residue on evaporation | Max. 0.0005% | 0.00008% |
| 8 | Transmittance: |
| a | 195 nm | Min. 70% | 95.81% |
| b | 200 nm | Min. 90% | 91.2% |
| c | 240 nm | Min. 98% | 99.01% |

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